



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090839

**Mode:** Highway

**Status:** Submitted

### SR-1718 (Erwin Road/Denim Drive)

**From/Cross Street:** 13Th Street

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** US 421 (Cumberland Street)

**Project Category:** Division Needs

**Length:** 2.84

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$31,768,000

#### Description:

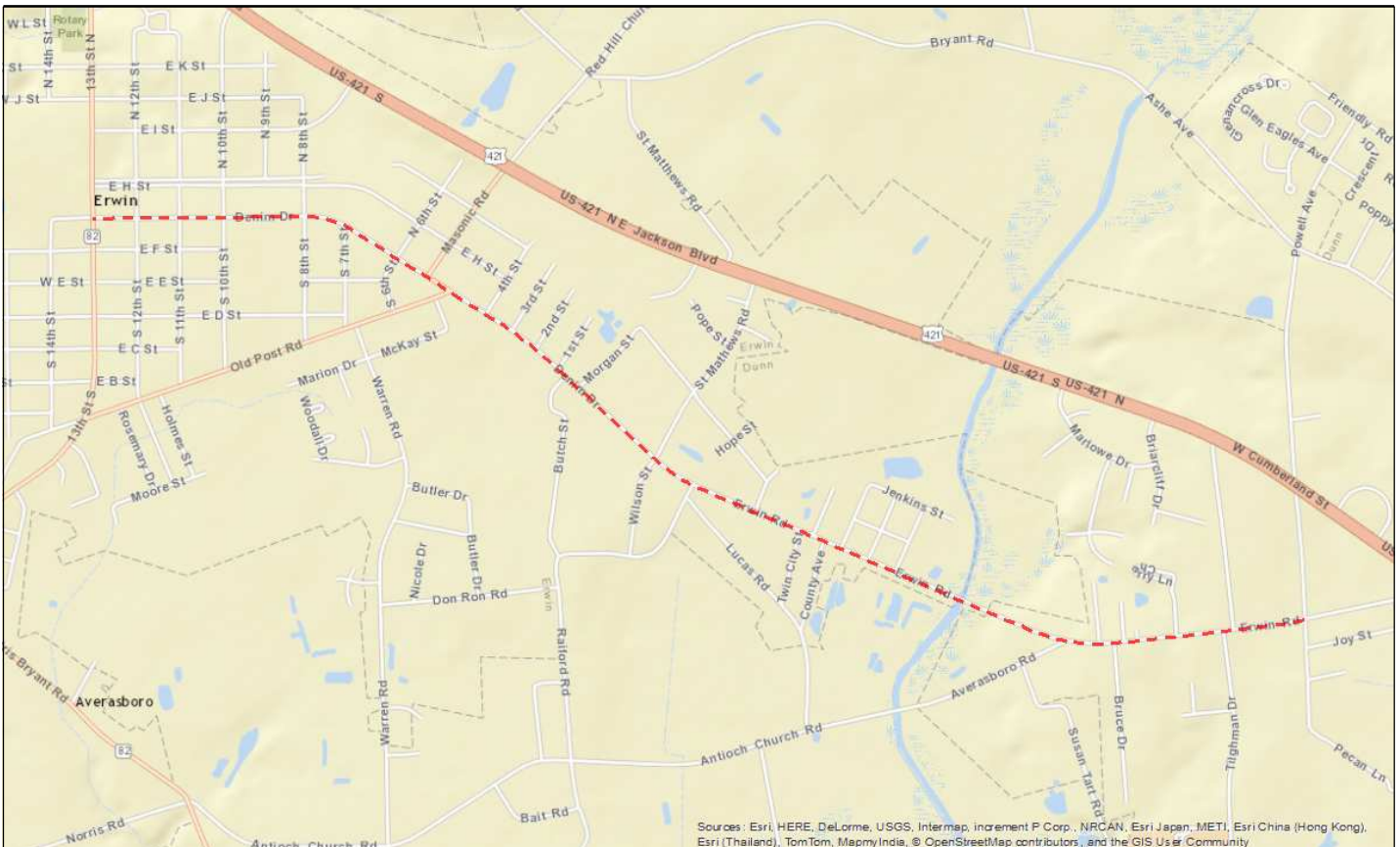
Widen to Multi-Lanes, Construct Curb, Gutter, and Raised Median from 13Th Street in Erwin to US 421 in Dunn.

**Division(s):** Division 6

**County(s):** HARNETT

**MPOS(s)/RPO(s):** Mid-Carolina RPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	Percent: 15% Points: 0	Percent: 15% Points: 0

**Division Needs Total Score: 35.6**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 21.48 Safety (10%) 62.89 [Travel Time] Benefit/Cost (20%) 0.08	Percent: 25% Points: 0	Percent: 25% Points: 100
<b>Totals: Weight: 50% Weighted Score: 10.6</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	39
Length (miles):	2.84
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	6374.99
Capacity:	20202.07
Volume/Capacity Ratio:	0.32
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	76.63
Crash Severity:	66.55
Critical Crash Rate:	45.52
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	86
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	39
Length (miles):	2.84
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	120746.48
Travel Time Savings for 30 Years (Autos):	120746.48
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 6	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Mid-Carolina RPO	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$25,194,000	TIP Unit
Right-of-Way Cost:	\$5,870,000	Cost Estimation Tool
Utilities Cost:	\$704,000	Cost Estimation Tool
Total Project Cost:	\$31,768,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$31,768,000</b>	